ORANGE GLOBAL OLYMPIAD

School Level Examination

SLE 2022

GRADE 4

MATHEMATICS

Subject Code: 2 0 1

Total Questions: 30

Time: 1 hour

DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED TO DO SO

- All questions are compulsory.
- Read the instructions on the **ANSWER SHEET** and fill in your **NAME**, **CLASS** and **OTHER INFORMATION**.
- To mark your choice of answer by darkening the circles in the **ANSWER SHEET**, use an **HB PENCIL** only.
- You **MUST** record your answers on the **ANSWER SHEET** only.
- There are **30 MULTIPLE CHOICE QUESTIONS**.
  Use the information provided to choose the **BEST** answer among the four possible options. On your **ANSWER SHEET** fill in the circle that matches your answer.
- Marks are **NOT** deducted for incorrect answers.
- Return the **ANSWER SHEET** to the invigilator at the end of the examination.
- You are **NOT** allowed to use a calculator.
  You may use a ruler and spare paper for rough work.

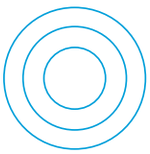
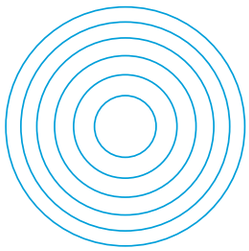
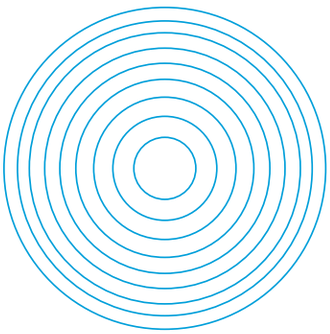
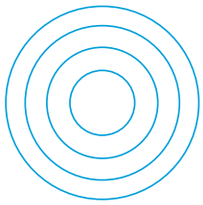
Section A (Logical Reasoning)

(This section contains 5 multiple choice questions. Each question has four choices (A), (B), (C) and (D), out of which only ONE is correct.)

1. As 'Vehicle' is related to 'Wheel'. Similarly, 'Clock' is related to _____.
   (A) Needle
   (B) Nail
   (C) Stick
   (D) Pin

2. If X is Y's brother, S is T's mother and X's aunt then how is T related to X?
   (A) Cousin
   (B) Sister
   (C) Aunt
   (D) Cannot be determined

3. Identify the odd one out.

   (A) 
   (B) 
   (C) 
   (D) 

4. Fill in the missing term.

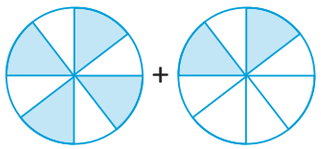
   AZ, BY, CX, _____
   (A) DE
   (B) DW
   (C) CY
   (D) EW

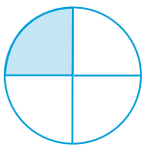
5. If '÷' means '×', '–' means '÷', '+' means '–' and '×' means '+', then find the value of expression:

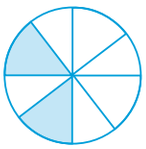
   3 ÷ 28 – 7 + 7 × 19
   (A) 7
   (B) 22
   (C) 24
   (D) 26

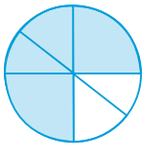
Section B (Subject Specific)

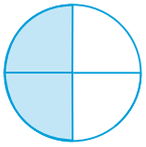
(This section contains 25 multiple choice questions. Each question has four choices (A), (B), (C) and (D), out of which only ONE is correct.)

6.  is _____.

(A) 

(B) 

(C) 

(D) 

7. The juice in the given jug is equally divided into 15 glasses. How much juice does each glass have?

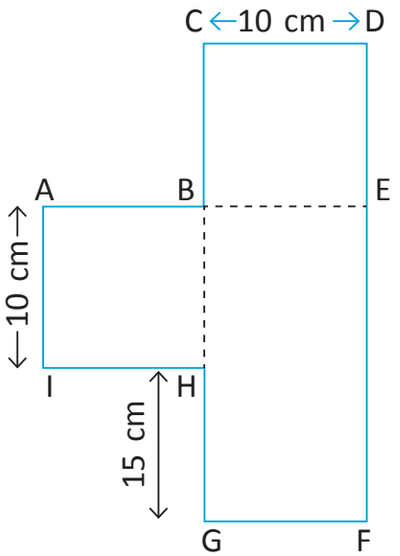
(A) 75 mL

(B) 50 mL

(C) 10 mL

(D) 100 mL

The given Figure is made up of two identical squares and one rectangle. Study the same and answer the questions 8 to 10.



8. Find the length of DF.

(A) 35 cm

(B) 30 cm

(C) 25 cm

(D) 28 cm

9. What is the length of (AE + EF)?

(A) 30 cm

(B) 35 cm

(C) 45 cm

(D) 50 cm

10. By how much length is EF longer than CH?

(A) 4 cm

(B) 5 cm

(C) 6 cm

(D) 6.5 cm

11. The radius of a circle is 7 cm. The length of its longest chord is _____.

(A) 18 cm (B) 16 cm

(C) 14 cm (D) 10 cm

12. If represents 12 trees, then 108 trees are represented by _____.

(A) 6 (B) 5

(C) 10 (D) 9

13. How many thousands are there in the product of 562 × 32 ?

(A) 170 (B) 17

(C) 0 (D) 27

14. 18, 27, 36, 45 and 54 are _____.

(A) multiples of 6 (B) multiples of 9

(C) multiples of 12 (D) factors of 3

15. Which of the following are unlike fractions?

(A) $\frac{3}{9}, \frac{7}{9}$ (B) $\frac{2}{11}, \frac{9}{11}$

(C) $\frac{3}{5}, \frac{5}{3}$ (D) $\frac{1}{4}, \frac{3}{4}$

16. Write the next alphabets in the given pattern.

ABA, ABCBA, ABCDCBA, _____.

(A) ABBADAA (B) ABCDEDCBA

(C) ABCCDDE (D) ABCDEADC

17. If your father's car consumes 1 L petrol to cover 16 km, then how many litres would he need to cover 960 km?

(A) 50 L (B) 60 L

(C) 70 L (D) 80 L

18. On rounding off 329.4 to the nearest whole number, we get _____.

(A) 330.0 (B) 300

(C) 350 (D) 329

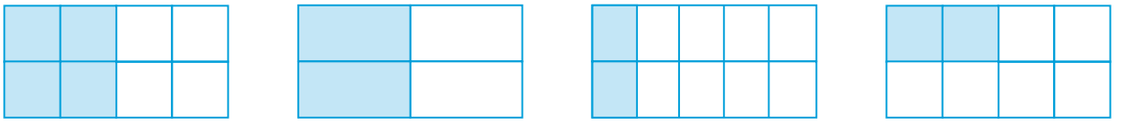
19. What are the missing digits?

$$\begin{array}{r} M\ 5\ 2\ 9 \\ -\ 2\ N\ O\ P \\ \hline 3\ 7\ 8\ 4 \end{array}$$

(A) M = 2, N = 5, O = 2, P = 7
(B) M = 3, N = 6, O = 1, P = 9
(C) M = 6, N = 7, O = 4, P = 5
(D) M = 2, N = 5, O = 1, P = 2

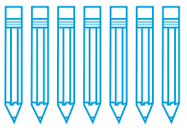
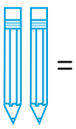
20. 62 × 17 is more than 57 × 17 by how much?
(A) 105
(B) 65
(C) 85
(D) 50

21. Which two figures represent the same fraction?



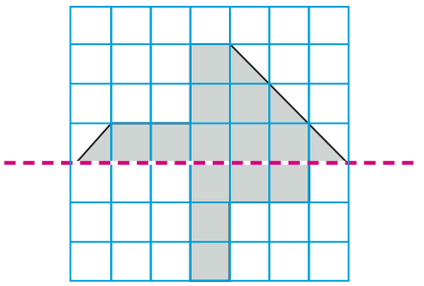
1 2 3 4

(A) 1 & 2
(B) 2 & 3
(C) 1 & 3
(D) 1 & 4

22. If  = ₹ 4900, then what is the cost of  = ?

(A) ₹1600
(B) ₹1400
(C) ₹1200
(D) ₹1800

23. How many more squares must be shaded to make the given figure symmetrical?



(A) 3½
(B) 4½
(C) 4
(D) 5

24. Find the values of ?, which makes the given expression true.

40000 = 80 × 50 × ?

(A) 0 (B) 10

(C) 30 (D) 20

25. If my grandmother's age is divided by 12, the result is 8. How old is my grandmother?

(A) 100 (B) 86

(C) 92 (D) 96

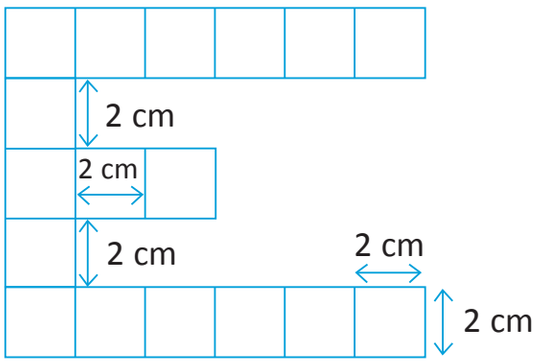
26. Which number satisfies the conditions on the given card?

8 thousands
2 tens
6 ten thousands
3 hundreds
7 ones
4 lakhs

(A) 8,26,734 (B) 4,86,327

(C) 4,68,327 (D) 4,68,723

27. The perimeter of the given figure is _____.



(A) 34 cm (B) 76 cm

(C) 72 cm (D) 36 cm

28. How much change will Rahul get back from ₹500 after paying for two pens costing ₹40 each and 9 notebooks costing ₹42.50 each?

(A) ₹37.50 (B) ₹77.50

(C) ₹58.50 (D) ₹78.50

29. On Wednesday, sports period started at 12:30 hours and got over at 01:25 hours. What was the duration of the sports period?

(A) 40 minutes
(B) 45 minutes
(C) 1 hour 5 minutes
(D) 55 minutes

30. If represents 50 flowers sold, then 375 flowers sold would be represented as _____.

(A)
(B)
(C)
(D)

GRADE
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MATHEMATICS